

TABLE A-3
WEEKLY OBSERVED EVAPORATION AND CALCULATED
EVAPOTRANSPIRATION FOR SEVERAL CROPS
SOUTHERN SAN JOAQUIN VALLEY

1993
(inches)

Week Ending	Day of Year	Evapo- ration ⁱ	ETP ⁱⁱ	PET ⁱⁱⁱ	PET (inches/ day)	Alfalfa Hay	Cotton	Citrus	Deciduous Orchard		Dry Beans	Small Grains	Vineyard
									Clean Cultivation	With Cover Crop			
Jan 7	7	0.20	0.18	0.14	0.02	0.15		0.12		0.14		0.06	
14	14	0.39	0.36	0.28	0.04	0.30		0.24		0.28		0.14	
21	21	0.30	0.27	0.21	0.03	0.23		0.18		0.21		0.14	
28	28	0.26	0.24	0.19	0.03	0.20		0.16		0.19		0.13	
Feb 4	35	0.62	0.57	0.46	0.07	0.47		0.37		0.46		0.38	
11	42	0.53	0.48	0.39	0.06	0.40		0.31		0.39		0.37	
18	49	0.61	0.56	0.46	0.07	0.46		0.36		0.46		0.48	
25	56	0.65	0.60	0.49	0.07	0.49		0.38		0.49		0.55	
Mar 4	63	0.55	0.51	0.42	0.06	0.42		0.32		0.42		0.49	
11	70	0.88	0.81	0.67	0.10	0.67		0.50	0.27	0.69		0.83	
18	77	0.72	0.66	0.55	0.08	0.55		0.40	0.32	0.58		0.69	
25	84	0.93	0.85	0.71	0.10	0.71		0.52	0.43	0.75		0.91	0.09
Apr 1	91	0.77	0.71	0.59	0.08	0.59		0.43	0.38	0.64		0.76	0.09
8	98	1.02	0.94	0.79	0.11	0.78		0.57	0.52	0.86		0.99	0.13
15	105	1.19	1.09	0.93	0.13	0.90		0.66	0.63	1.02		1.13	0.21
22	112	1.46	1.34	1.14	0.16	1.11	0.13	0.82	0.82	1.27		1.37	0.47
29	119	1.58	1.45	1.23	0.18	1.20	0.16	0.89	0.92	1.41		1.46	0.63
May 6	126	1.93	1.78	1.50	0.21	1.47	0.25	1.08	1.16	1.74		1.68	0.89
13	133	2.05	1.89	1.60	0.23	1.56	0.33	1.15	1.29	1.87		1.60	1.03
20	140	1.83	1.68	1.43	0.20	1.39	0.37	1.03	1.19	1.69	0.20	1.23	0.99
27	147	1.86	1.71	1.45	0.21	1.41	0.45	1.02	1.25	1.73	0.28	1.01	1.06
Jun 3	154	1.80	1.66	1.40	0.20	1.37	0.59	0.97	1.22	1.67	0.49	0.74	1.08
10	161	1.54	1.42	1.20	0.17	1.17	0.71	0.82	1.06	1.45	0.94		0.97
17	168	2.05	1.89	1.60	0.23	1.56	1.21	1.07	1.46	1.93	1.68		1.33
24	175	2.24	2.06	1.75	0.25	1.70	1.59	1.17	1.64	2.11	1.97		1.48
Jul 1	182	2.40	2.21	1.87	0.27	1.82	1.97	1.25	1.78	2.26	2.16		1.59
8	189	2.35	2.16	1.84	0.26	1.79	2.16	1.22	1.76	2.21	2.12		1.55
15	196	2.22	2.04	1.73	0.25	1.69	2.18	1.15	1.66	2.10	1.99		1.46
22	203	2.04	1.88	1.59	0.23	1.55	2.04	1.06	1.53	1.94	1.84		1.35
29	210	2.00	1.84	1.56	0.22	1.52	2.00	1.04	1.50	1.88	1.80		1.32
Aug 5	217	2.00	1.84	1.56	0.22	1.52	2.00	1.04	1.50	1.88	1.60		1.32
12	224	1.91	1.76	1.49	0.21	1.45	1.91	0.99	1.43	1.79	1.14		1.26
19	231	1.86	1.71	1.45	0.21	1.41	1.84	0.97	1.39	1.73	0.93		1.19
26	238	1.82	1.67	1.42	0.20	1.38	1.77	0.95	1.37	1.68	0.46		1.11
Sep 2	245	1.69	1.55	1.32	0.19	1.28	1.55	0.88	1.27	1.53			0.89
9	252	1.71	1.57	1.33	0.19	1.30	1.45	0.89	1.27	1.54			0.84
16	259	1.65	1.52	1.29	0.18	1.25	1.25	0.86	1.19	1.47			0.69
23	266	1.30	1.20	1.00	0.14	0.99	0.85	0.68	0.91	1.15			0.47
30	273	1.40	1.29	1.08	0.15	1.06	0.77	0.74	0.94	1.20			0.42
Oct 7	280	1.05	0.97	0.81	0.12	0.80	0.47	0.58	0.68	0.88			0.21
14	287	1.02	0.94	0.78	0.11	0.78		0.57	0.63	0.85			0.20
21	294	0.83	0.76	0.62	0.09	0.63		0.47	0.49	0.66			0.17
28	301	0.91	0.84	0.68	0.10	0.69		0.51	0.51	0.73			0.18
Nov 4	308	0.81	0.75	0.61	0.09	0.62		0.45	0.42	0.63			0.18
11	315	0.60	0.55	0.44	0.06	0.46		0.33	0.28	0.45			0.12
18	322	0.50	0.46	0.36	0.05	0.38		0.28	0.21	0.37			0.10
25	329	0.43	0.40	0.32	0.05	0.33		0.24	0.17	0.32			
Dec 2	336	0.47	0.43	0.34	0.05	0.36		0.26		0.34			
9	343	0.34	0.31	0.24	0.03	0.26		0.19		0.24			
16	350	0.28	0.26	0.20	0.03	0.21		0.16		0.20		0.07	
23	357	0.24	0.22	0.17	0.02	0.18		0.13		0.17		0.07	
30	364	0.19	0.17	0.13	0.02	0.14		0.11		0.13		0.07	
31	365	<u>0.01</u>	<u>0.02</u>	<u>0.01</u>		<u>0.01</u>		<u>0.01</u>		<u>0.01</u>		<u>0.04</u>	
Total ^{iv}		61.99	57.03	47.82		47.12	30.00	33.55	37.45	54.79	19.60	17.39 ^v	27.07

ⁱObserved evaporation, Class 'A' pan, irrigated pasture. Average of Lamont 2NW and Bakersfield 12S.

ⁱⁱPotential ET of alfalfa. ET of vigorously growing alfalfa at 100-percent ground cover with no moisture stress (Jensen-Haise alfalfa reference crop). Estimated as 0.92 x pan evaporation.

ⁱⁱⁱPotential ET of grass. ET of large expanse of low-growing grass at 100-percent ground cover with no moisture stress (Penman grass reference crop).

^{iv}Growing season total.

^vGrowing season ET includes 0.25 inch from December 1992 and excludes 0.25 inch from December 1993.

TABLE A-4
WEEKLY OBSERVED EVAPORATION AND CALCULATED
EVAPOTRANSPIRATION FOR SEVERAL CROPS
SOUTHERN SAN JOAQUIN VALLEY
1994
(inches)

Week Ending	Day of Year	Evapo-ration ¹	ETP ²	PET ³	PET (inches/day)	Alfalfa Hay	Cotton	Citrus	Deciduous Orchard		Dry Beans	Small Grains	Vineyard
									Clean Cultivation	With Cover Crop			
Jan 6	6	0.11 ⁴	0.09	0.07	0.010	0.07		0.06		0.07		0.03	
13	13	0.29	0.27	0.21	0.030	0.22		0.18		0.21		0.11	
20	20	0.37	0.34	0.27	0.038	0.28		0.22		0.27		0.16	
27	27	0.40	0.37	0.29	0.042	0.30		0.24		0.29		0.21	
Feb 3	34	0.48	0.44	0.36	0.051	0.37		0.29		0.36		0.30	
10	41	0.61	0.56	0.45	0.065	0.47		0.36		0.46		0.43	
17	48	0.69	0.63	0.52	0.074	0.52		0.41		0.52		0.54	
24	55	0.57	0.52	0.43	0.061	0.43		0.33		0.43		0.48	
Mar 3	62	0.75	0.69	0.57	0.081	0.57		0.43		0.57		0.67	
10	69	0.88	0.81	0.67	0.095	0.67		0.50		0.69		0.83	
17	76	0.93	0.86	0.72	0.103	0.71		0.52	0.40	0.75		0.90	0.04
24	83	1.07	0.98	0.82	0.118	0.81		0.60	0.47	0.87		1.05	0.11
31	90	1.15	1.06	0.88	0.126	0.87		0.64	0.53	0.95		1.12	0.13
Apr 7	97	1.59	1.46	1.24	0.177	1.21		0.89	0.78	1.33		1.54	0.21
14	104	1.38	1.27	1.08	0.154	1.05	0.12	0.77	0.71	1.19		1.31	0.25
21	111	1.79	1.65	1.40	0.199	1.36	0.18	1.00	0.95	1.56		1.68	0.57
28	118	1.25	1.15	0.98	0.140	0.95	0.16	0.70	0.70	1.12		1.15	0.50
May 5	125	1.76	1.62	1.37	0.196	1.34	0.28	0.99	1.02	1.58		1.53	0.81
12	132	1.38	1.27	1.08	0.154	1.05	0.28	0.77	0.83	1.26		1.08	0.69
19	139	1.72	1.58	1.34	0.191	1.31	0.41	0.96	1.08	1.58	0.17	1.15	0.93
26	146	2.03	1.87	1.58	0.226	1.54	0.67	1.12	1.32	1.89	0.30	1.10	1.16
Jun 2	153	2.20	2.02	1.71	0.245	1.67	1.01	1.19	1.47	2.04	0.55	0.90	1.32
9	160	2.13	1.96	1.66	0.237	1.62	1.25	1.13	1.45	2.00		1.28	1.34
16	167	2.44	2.25	1.90	0.272	1.86	1.73	1.27	1.69	2.30	2.00		1.59
23	174	2.27	2.09	1.77	0.253	1.72	1.86	1.18	1.61	2.13	2.00		1.50
Jul 1	181	2.35	2.16	1.83	0.262	1.79	2.21	1.22	1.71	2.21	2.11		1.55
7	188	2.38	2.19	1.86	0.266	1.81	2.34	1.24	1.76	2.24	2.15		1.57
14	195	2.38	2.19	1.85	0.265	1.81	2.38	1.24	1.78	2.26	2.14		1.57
21	202	2.27	2.08	1.77	0.252	1.72	2.27	1.18	1.70	2.15	2.04		1.50
28	209	2.03	1.87	1.59	0.227	1.54	2.03	1.06	1.52	1.91	1.83		1.34
Aug 4	216	2.06	1.90	1.61	0.230	1.57	2.06	1.07	1.55	1.94	1.65		1.36
11	223	2.09	1.92	1.63	0.233	1.59	2.07	1.09	1.57	1.97	1.25		1.38
18	230	2.11	1.94	1.65	0.235	1.60	2.05	1.10	1.58	1.96	1.06		1.35
25	237	1.96	1.80	1.53	0.218	1.49	1.80	1.02	1.47	1.80	0.49		1.20
Sep 1	244	1.82	1.67	1.42	0.203	1.38	1.55	0.95	1.37	1.66			0.97
8	251	1.76	1.62	1.37	0.196	1.34	1.34	0.91	1.32	1.58			0.86
15	258	1.30	1.20	1.01	0.145	0.99	0.85	0.68	0.96	1.16			0.55
22	265	1.83	1.68	1.41	0.201	1.39	1.00	0.95	1.31	1.61			0.66
29	272	1.15	1.05	0.88	0.126	0.87	0.52	0.61	0.80	0.99			0.34
Oct 6	279	1.33	1.22	1.02	0.146	1.01	0.48	0.73	0.89	1.16			0.27
13	286	1.24	1.14	0.94	0.136	0.94		0.69	0.81	1.03			0.25
20	293	1.05	0.97	0.79	0.112	0.80		0.60	0.62	0.84			0.21
27	300	0.80	0.73	0.60	0.086	0.60		0.45	0.47	0.64			0.16
Nov 3	307	0.81	0.74	0.60	0.086	0.62		0.45	0.43	0.63			0.16
10	314	0.71	0.66	0.53	0.076	0.54		0.40	0.37	0.54			0.14
17	321	0.36	0.33	0.26	0.037	0.28		0.20	0.17	0.27			0.07
24	328	0.43	0.40	0.31	0.044	0.33		0.24	0.18	0.31			0.09
Dec 1	335	0.46	0.43	0.33	0.048	0.35		0.26	0.19	0.33			
8	342	0.29	0.27	0.20	0.029	0.22		0.16		0.20		0.06	
15	349	0.30	0.28	0.21	0.030	0.23		0.17		0.21		0.06	
22	356	0.20	0.18	0.15	0.020	0.15		0.11		0.14		0.05	
29	363	0.31	0.29	0.22	0.031	0.24		0.18		0.28		0.05	
31	365	<u>0.02</u>	<u>0.02</u>	<u>0.01</u>	<u>0.001</u>	<u>0.01</u>		<u>0.01</u>		<u>0.01</u>		<u>0.01</u>	

Total⁵ 66.04 60.74 50.95 50.18 32.90 35.72 39.55 58.47 21.02 18.52⁶ 28.70

¹Observed evaporation, Class 'A' pan, irrigated pasture. Average of Bakersfield 14W and Bakersfield 12S.

²Potential ET of vigorously growing alfalfa at 100-percent ground cover with no moisture stress (Jensen-Haise alfalfa reference crop). Estimated as 0.92 x pan evaporation.

³Potential ET of grass. ET of large expanse of low-growing grass at 100-percent ground cover with no moisture stress (Penman grass reference crop).

⁴Six-day period.

⁵Growing season total.

⁶Growing season includes 0.25 inch from December 1993 and excludes 0.23 inch from December 1994.

TABLE A-5

WEEKLY OBSERVED EVAPORATION AND CALCULATED
EVAPOTRANSPIRATION FOR SEVERAL CROPS
SOUTHERN SAN JOAQUIN VALLEY

1995
(inches)

Week Ending	Evapo-ration ¹	ETP ²	PET ³	PET (inches/day)	Alfalfa Hay	Cotton	Citrus	Deciduous Orchard		Dry Beans	Small Grains	Vineyard
								Clean Cultivated	With Cover Crop			
Jan 5	0.35	0.32	0.25	0.04	0.27		0.30		0.25		0.09	
12	0.41	0.38	0.21	0.03	0.31		0.32		0.29		0.12	
19	0.34	0.31	0.24	0.03	0.26		0.18		0.26		0.13	
26	0.47	0.43	0.34	0.05	0.36		0.17		0.34		0.20	
Feb 2	0.26	0.24	0.19	0.03	0.20		0.16		0.19		0.14	
9	0.29	0.27	0.21	0.03	0.22		0.17		0.22		0.18	
16	0.55	0.51	0.41	0.06	0.42		0.33		0.42		0.39	
23	0.41	0.38	0.31	0.04	0.31		0.24		0.31		0.29	
Mar 2	0.44	0.40	0.33	0.05	0.33		0.26	0.18	0.33		0.37	
9	0.58	0.53	0.44	0.06	0.44		0.33	0.26	0.46		0.52	
16	0.89	0.82	0.68	0.10	0.68		0.50	0.41	0.71		0.84	
23	0.88	0.81	0.68	0.10	0.67		0.49	0.43	0.71		0.84	0.09
30	0.91	0.84	0.70	0.10	0.69		0.51	0.46	0.75		0.89	0.10
Apr 6	1.38	1.27	1.06	0.16	1.05		0.77	0.73	1.06		1.35	0.18
13	1.43	1.32	1.12	0.16	1.09		0.80	0.80	1.23		1.39	0.26
20	0.92	0.85	0.71	0.10	0.70		0.51	0.53	0.79		0.87	0.29
27	1.68	1.55	1.31	0.19	1.28	0.15	0.94	1.01	1.49		1.58	0.67
May 4	1.36	1.25	1.06	0.15	1.03	0.14	0.76	0.86	1.21		1.25	0.63
11	1.48	1.36	1.15	0.16	1.12	0.19	0.87	0.96	1.34		1.29	0.74
18	1.58	1.45	1.00	0.14	1.20	0.21	0.72	0.86	1.18		1.00	0.69
25	1.91	1.76	1.49	0.21	1.45	0.38	1.05	1.30	1.78		1.28	1.09
Jun 1	1.92	1.77	1.50	0.21	1.46	0.46	1.04	1.33	1.79	0.29	1.04	1.15
8	2.14	1.97	1.67	0.24	1.63	0.71	1.13	1.52	2.01	0.54	0.88	1.35
15	2.09	1.92	1.63	0.23	1.59	0.96	1.09	1.53	1.96	1.25		1.36
22	2.13	1.96	1.66	0.24	1.62	1.26	1.11	1.58	2.00	1.81		1.41
29	2.69	2.47	2.08	0.30	2.04	1.89	1.38	2.00	2.50	2.26		1.76
Jul 6	2.12	1.95	1.66	0.24	1.61	1.74	1.10	1.59	2.00	1.91		1.40
13	2.26	2.08	1.76	0.25	1.72	2.12	1.17	1.69	2.14	2.03		1.49
20	2.14	1.97	1.67	0.24	1.63	2.09	1.11	1.60	2.03	1.92		1.41
27	2.00	1.84	1.56	0.22	1.52	2.00	1.04	1.50	1.88	1.80		1.32
Aug 3	1.98	1.82	1.55	0.22	1.50	1.98	1.03	1.49	1.87	1.79		1.31
10	2.15	1.98	1.68	0.24	1.63	2.15	1.12	1.62	2.03	1.72		1.42
17	1.94	1.78	1.52	0.22	1.47	1.94	1.01	1.46	1.81	1.17		1.24
24	1.92	1.77	1.49	0.21	1.46	1.90	1.00	1.44	1.76	0.96		1.23
31	1.97	1.81	1.54	0.22	1.50	1.91	1.03	1.46	1.80	0.49		1.05
Sep 7	1.81	1.67	1.41	0.20	1.38	1.67	0.94	1.30	1.63			0.89
14	1.64	1.51	1.28	0.18	1.25	1.39	0.85	1.15	1.46			0.69
21	1.49	1.37	1.14	0.16	1.13	1.13	0.77	1.00	1.31			0.54
28	1.24	1.14	0.95	0.14	0.94	0.80	0.66	0.80	1.06			0.37
Oct 5	1.40	1.29	1.06	0.15	1.06	0.77	0.77	0.87	1.18			0.28
12	1.13	1.04	0.85	0.12	0.86	0.51	0.63	0.67	0.94			0.23
19	1.05	0.97	0.79	0.11	0.80	0.39	0.59	0.59	0.84			0.21
26	1.06	0.98	0.79	0.11	0.81		0.59	0.55	0.85			0.21
Nov 2	0.61	0.56	0.46	0.07	0.46		0.34	0.29	0.47			0.12
9	0.63	0.58	0.46	0.07	0.48		0.35	0.27	0.48			0.13
16	0.72	0.66	0.52	0.07	0.55		0.40	0.29	0.53			0.14
23	0.49	0.45	0.33	0.05	0.37		0.26	0.18	0.33			0.09
30	0.41	0.38	0.29	0.04	0.31		0.23		0.29			0.08
Dec 7	0.29	0.27	0.21	0.03	0.22		0.16		0.21			
14	0.28	0.26	0.20	0.03	0.21		0.16		0.20		0.06	
21	0.19	0.17	0.13	0.02	0.14		0.11		0.13		0.04	
28	0.42	0.39	0.30	0.04	0.32		0.24		0.29		0.08	
31	0.09	0.08	0.06	0.01	0.07		0.05		0.07		0.01	
Totals ⁴	62.92	57.91	48.09		47.82	30.84	33.84	38.56	55.17	19.94	17.16 ⁵	27.62

¹Observed evaporation, Class 'A' pan, irrigated pasture. Average of Bakersfield 14W and Bakersfield 12S.

²Potential ET of vigorously growing alfalfa at 100-percent ground cover with no moisture stress (Jensen-Haise alfalfa reference crop). Estimated as 0.92 x pan evaporation.

³Potential ET of grass. ET of large expanse of low growing grass at 100-percent ground cover with no moisture stress. (Penman grass reference crop).

⁴Annual season totals.

⁵Growing season ET includes 0.23 inch from December 1994 and excludes 0.19 inch from December 1995.

Notes: Pan EP from Bakersfield 12S was estimated from November 9 through December 31, due to the removal of the agroclimatic station. January EP was partially estimated by correlation to the Fresno State and Cotton Station pans.

TABLE A-6

WEEKLY OBSERVED EVAPORATION AND CALCULATED
EVAPOTRANSPIRATION FOR SEVERAL CROPS
SOUTHERN SAN JOAQUIN VALLEY
1996
(inches)

Week Ending	Day of Year	Evapo- ration ¹	ETP ²	PET ³	PET (inches/ day)	Alfalfa Hay	Cotton	Citrus	Deciduous Orchard		Dry Beans	Small Grains	Vineyard
									Clean Culti- vation	With Cover Crop			
Jan 4	4	0.13	0.12	0.09	0.01	0.10		0.08		0.11		0.03	
11	11	0.16	0.15	0.12	0.02	0.12		0.10		0.12		0.05	
18	18	0.17	0.16	0.12	0.02	0.13		0.10		0.12		0.06	
25	25	0.33	0.30	0.24	0.03	0.25		0.20		0.24		0.14	
Feb 1	33	0.27	0.25	0.20	0.03	0.21		0.16		0.20		0.14	
8	40	0.40	0.37	0.29	0.04	0.30		0.23		0.30		0.25	
15	47	0.40	0.37	0.30	0.04	0.30		0.23		0.30		0.28	
22	54	0.45	0.41	0.34	0.05	0.34		0.26		0.34		0.35	
29	60	0.50	0.46	0.38	0.05	0.38		0.29		0.38		0.42	
Mar 7	67	0.61	0.56	0.46	0.07	0.46		0.35	0.25	0.48		0.54	
14	74	0.64	0.59	0.49	0.07	0.49		0.36	0.28	0.51		0.60	
21	81	0.98	0.90	0.75	0.11	0.74		0.55	0.45	0.79		0.94	
28	88	1.25	1.15	0.96	0.14	0.95		0.70	0.58	1.04		1.23	0.13
Apr 4	95	1.13	1.04	0.87	0.12	0.86		0.63	0.58	0.95		1.11	0.13
11	102	1.62	1.49	1.26	0.18	1.23		0.90	0.86	1.39		1.57	0.21
18	109	1.69	1.55	1.32	0.19	1.28	0.15	0.95	0.95	1.47	0.17	1.61	0.31
25	116	1.68	1.55	1.31	0.19	1.28	0.19	0.94	0.97	1.49	0.25	1.58	0.54
May 2	123	2.25	2.07	1.91	0.27	1.71	0.32	1.37	1.47	2.20	0.61	2.25	0.98
9	130	2.10	1.93	1.64	0.23	1.60	0.34	1.18	1.32	1.91	1.26	1.83	0.97
16	137	1.98	1.82	1.54	0.22	1.50	0.40	1.11	1.29	1.82	1.68	1.54	0.99
23	143	2.09	1.92	1.63	0.23	1.59	0.50	1.15	1.40	1.95	1.78	1.40	1.13
30	150	1.95	1.79	1.52	0.22	1.48	0.64	1.05	1.33	1.82	1.76	1.06	1.11
Jun 6	157	2.25	2.07	1.76	0.25	1.71	1.04	1.20	1.55	2.12	2.03	0.92	1.35
13	164	2.47	2.27	1.93	0.28	1.88	1.46	1.28	1.75	2.32	2.22		1.56
20	171	2.33	2.14	1.82	0.26	1.77	1.65	1.21	1.70	2.19	2.10		1.51
27	179	1.63	1.50	1.34	0.19	1.24	1.41	0.89	1.27	1.61	1.54		1.13
Jul 4	186	2.38	2.19	1.86	0.27	1.81	2.24	1.24	1.79	2.24	1.91		1.57
11	193	2.15	1.98	1.68	0.24	1.63	2.11	1.12	1.61	2.04	1.29		1.42
18	200	2.65	2.44	2.07	0.30	2.01	2.65	1.38	1.99	2.52	1.33		1.75
25	207	2.18	2.01	1.70	0.24	1.66	2.18	1.13	1.64	2.05	0.55		1.44
Aug 1	217	2.40	2.21	1.87	0.27	1.82	2.40	1.25	1.80	2.26			1.59
8	221	2.37	2.18	1.85	0.26	1.80	2.37	1.23	1.77	2.23			1.56
15	228	2.47	2.27	1.93	0.28	1.88	2.44	1.28	1.85	2.30			1.63
22	235	1.86	1.71	1.45	0.21	1.41	1.80	0.97	1.40	1.71			1.19
29	242	2.03	1.87	1.58	0.23	1.54	1.86	1.05	1.52	1.84			1.24
Sep 5	249	2.04	1.88	1.59	0.23	1.55	1.73	1.06	1.51	1.83			1.08
12	256	1.71	1.57	1.33	0.19	1.30	1.30	0.89	1.23	1.52			0.84
19	263	1.51	1.39	1.16	0.17	1.15	0.98	0.79	1.06	1.33			0.63
26	270	1.60	1.47	1.23	0.18	1.22	0.88	0.85	1.07	1.37			0.58
Oct 3	277	1.41	1.30	1.09	0.16	1.07	0.64	0.78	0.92	1.19			0.42
10	284	1.38	1.27	1.05	0.15	1.05	0.50	0.77	0.86	1.15			0.28
17	291	1.12	1.03	0.84	0.12	0.85		0.63	0.66	0.90			0.23
24	298	1.07	0.98	0.80	0.11	0.81		0.60	0.60	0.86			0.21
31	305	0.77	0.71	0.58	0.08	0.59		0.43	0.40	0.60			0.15
Nov 7	312	0.55	0.51	0.41	0.06	0.42		0.31	0.26	0.42			0.11
14	319	0.46	0.42	0.34	0.05	0.35		0.26	0.20	0.34			0.09
21	326	0.59	0.54	0.43	0.06	0.45		0.33	0.24	0.43			0.12
28	333	0.25	0.23	0.18	0.03	0.19		0.14		0.18			
Dec 5	340	0.49	0.45	0.35	0.05	0.37		0.27		0.35			
12	347	0.33	0.30	0.23	0.03	0.25		0.18		0.23			0.05
19	354	0.33	0.30	0.23	0.03	0.25		0.19		0.23			0.04
26	361	0.23	0.21	0.16	0.02	0.17		0.13		0.16			0.09
31	365	<u>0.10</u>	<u>0.09</u>	<u>0.07</u>	<u>0.01</u>	<u>0.08</u>		<u>0.06</u>		<u>0.07</u>		<u>0.02</u>	
Total ⁴		67.89	62.44	52.65		51.58	34.18	36.79	42.38	60.52	20.48	20.09 ⁵	30.18

¹Adjusted evaporation from USWB class 'A' pan from station Bakersfield 14W agroclimatic station (irrigated pasture).²Potential ET of alfalfa. ET of vigorously growing alfalfa at 100 percent ground cover with no moisture stress (Jensen-Haise alfalfa reference crop). Estimated as 0.92 x pan evaporation.³Potential ET of grass. ET of a large expanse of low growing grass at 100 percent ground cover with no moisture stress (Penman grass reference crop). Estimates based upon 1991 observed evaporation and crop coefficients from Table 2, Department of Water Resources District Report, *Crop Water Use*, September 1980.⁴Annual season totals.⁵Growing season total ET includes 0.19 inches from December 1995 and excludes 0.20 inches from December 1996.

Note: EP estimated after December 13 by correlation to CIMIS Station #5.